

ABSTRACT

3 Methods and apparatus for securing a first electrical connector mounted to an
4 electronic module to a second electrical connector supported by a support structure,
5 such that the first and second electrical connectors mate in an electrically conductive
6 manner. The support structure can be an electrical board supported by a chassis. The
7 apparatus includes a latch having a first end configured to engage the chassis and a
8 lever portion configured to exert a force on the electronic module when in a first position.
9 This force allows the first electrical connector to be urged towards the second electrical
10 connector. The apparatus also has a compliant member configured to bias the lever
11 portion away from the first position, and a catch configured to secure the latch in the first
12 position.

13 In the method, a first force is applied to the electronic module to urge the
14 electronic module towards the board from a first position to a second position to thereby
15 cause the first electrical connector to mate in an electrically conductive manner with the
16 second electrical connector. Thereafter a second force is applied to the electronic
17 module to maintain the electronic module in the second position. The second force is
18 selected to be not greater than a predetermined force.